Wireless Loom Data Monitor
Access Data Anywhere

FEATURES
- Captures production, stoppages and efficiency data in real time using wireless communication
- Sends alerts to upper management using SMS on mobile
- Transparent data migration to and fro to any ERP
- Monitor your plant from anywhere in the world using internet
- Integrated inventory control & payroll management
WIRELESS LOOM DATA MONITOR

The LOOM DATA MONITOR (LDM) is a production data collector for any type of weaving machine. It memorises output, stoppages, various times and any other information dispensable for optimising the output of a weaving shed.

LDM sends data to an application server using radio frequency based wireless communication system.

Production data stored on the computer includes:
- Actual / expected picks
- Loom efficiency
- Length of fabric produced
- Length remaining to reach preset
- Operator efficiency
- Beam-fall alerts
- Shiftwise, daily, monthly & yearly reports

Data for maintenance includes:
- Number of breakages
- Classification of breakages
- Down-time due to each breakage

Wireless data transmission system eliminates problem of cable layout and is much easier to maintain.

DATA DISPLAYED ON EACH LOOM
- Microprocessor system displays and prints the following data through to computer:
  - Number of stops, sub-divided into weft, warp or other causes.
  - Running and down times, sub-divided into their causes.
  - Number of picks per shift.
  - Speed (picks per minute)
  - Stoppages per shift.
  - Length in metres of the programmed piece and how much is needed to complete the piece.
- The LOOM DATA MONITOR supplies a percentile efficiency ratio for loom and shift.

FEATURES
- Security key lock for presetting and resetting.
- Partial data resetting (e.g. just one shift, just certain data) entirely at the operator's discretion.
- Automatic display of a programmable data sequence for easy reading.
- Dust and oil-proof keyboard.
- Function of each key clearly described on front panel.
- Permanent storage chip to store data in case of power failure.
- Radio frequency output for data transmission to host computer.
- The range of data transmission is up to 1 mile.

MODELS AVAILABLE

MODEL LDM-1001
- LCD display
- Feather touch keyboard
- Power-down data saving facility
- Serial interface for data logging
- Detects warp & weft breakage
- Stops machine if preset length is reached
- Dimensions: 135 x 92 x 50 mm

MODEL LDM-1002
- Blind unit for measuring production
- Serial interface for data logging
- Detects warp & weft breakages
- Ideal for low-cost volume installations
- Dimensions: 115 x 85 x 45 mm

MODEL LDM-1003
- Scanning type loom efficiency monitor for single or group of any make & loom type
- Ideal for low-cost volume installations
- Dimensions: 45 x 300 x 120 mm

For further details, contact

Semitronik
17 CD, Archana Ind. Estate,
Reknalal Road,
Ahmedabad-380 023 - India.
Tel.: +91 79 22741011,
22742460, 22774577, 65221995.
Fax: +91 79 22741733, 22779198.
E-mail: semsirin@satyam.net.in

Mumbai Office
1A, Abhishek CHS Ltd.,
G. D. Ambekar Marg,
Dadar (E).
Mumbai-400 014 - India.
Tel.: +91 22 24147788, 32957649.
Fax: +91 22 24130266.

Surat Office
407, Trade Centre,
Ring Road.
Surat-395 002 - India.
Tel.: +91 261 2354847.
Fax: +91 261 2324746.
Website: www.semitronik.com